



IPW

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Charles L. Gray, Jr  
Application Number : 10/733,696  
Filing Date : December 11, 2003  
Invention Title : Methods of Operation for Controlled Temperature  
Combustion Engines using Gasoline-like Fuel, Particularly  
Multicylinder Homogenous Charge Compression Ignition  
(HCCI) Engines

Examiner Name : Mahmoud Gimie  
Art Unit : 3747  
Attorney Docket : EPA 686-04  
Date : October 31, 2005

<sup>AF</sup>  
Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Applicant submits the attached amendment to the claims pursuant to agreement with the examiner as a result of a telephone interview conducted on October 26, 2005.

Amendments to the claims begin on page 2.

As currently amended, applicant submits that the claims as presented are allowable.

A Notice of Allowance is solicited.

Respectfully submitted,

David H. Read, Reg. No. 47,888  
U.S. Environmental Protection Agency  
National Vehicle and Fuel Emissions Laboratory  
2565 Plymouth Road  
Ann Arbor, MI 48105  
Telephone: (734) 214-4367  
Facsimile: (734) 214-4573  
E-Mail: read.david@epa.gov

OK to enter AF amendment 11/7/05